

CORRECTED VERSION

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 October 2004 (07.10.2004)

PCT

(10) International Publication Number
WO 2004/085401 A1

(51) International Patent Classification⁷: **C07D 215/14**,
215/50, 215/12, 241/42, 401/04, 401/12, 409/12, 405/12,
413/12, 417/12, 403/06, 401/06, 413/06, 405/06, 417/06

(21) International Application Number:
PCT/IB2004/000836

(22) International Filing Date: 15 March 2004 (15.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60458,274 28 March 2003 (28.03.2003) US

(71) Applicant (for all designated States except US): **PFIZER
PRODUCTS INC.** [US/US]; Eastern Point Road, Groton,
CT 06340 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CHANG, George**
[US/US]; Pfizer Global Research & Development, Eastern
Point Road, Groton, CT 06340 (US). **DIDIUK, Mary,**
Theresa [US/US]; Pfizer Global Research and Develop-
ment, Eastern Point Road, Groton, CT 06340 (US).
FINNEMAN, Jari, Ilmarinen [FI/US]; Pfizer Global Re-
search & Development, Eastern Point Road, Groton, CT
06340 (US). **GARIGIPATI, Ravi, Shanker** [US/US];

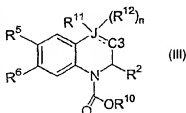
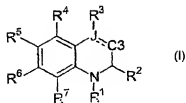
Pfizer Global Research and Development, Eastern Point
Road, Groton, CT 06340 (US). **KELLEY, Ryan, Michael**
[US/US]; Pfizer Global Research & Development, Eastern
Point Road, Groton, CT 06340 (US). **PERRY, David,**
Austen [GB/US]; Pfizer Global Research & Development,
Eastern Point Road, Groton, CT 06340 (US). **RUGGERI,**
Roger, Benjamin [US/US]; Pfizer Global Research &
Development, Eastern Point Road, Groton, CT 06340
(US). **BECHLE, Bruce, Michael** [US/US]; Pfizer Global
Research & Development, Eastern Point Road, Groton, CT
06340 (US). **POLLASTRI, Michael, P.** [US/US]; 45-2
Chestnut Street, Waltham, MA 02453 (US).

(74) Agents: **LUMB, Trevor, J. et al;** c/o **LAWRENCE,**
Jackie, Pfizer Inc., Mailstop 8260-1615, Eastern Point
Road, Groton, CT 06340 (US).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

[Continued on next page]

(54) Title: 1,2,4-SUBSTITUTED 1,2,3,4-TETRAHYDRO-AND 1,2 DIHYDRO-QUINOLINE AND 1,2,3,4-TETRAHY-
DRO-QUINOXALINE DERIVATIVES AS CETP INHIBITORS FOR THE TREATMENT OF ATHEROSCLEROSIS AND
OBESITY



(57) Abstract: Quinoline and quinoxaline compounds of formula I and III wherein the substituent are as defined in claims 1 and 15, pharmaceutical compositions containing such compounds and the use of such compounds to elevate certain plasma lipid levels, including high density lipoprotein-cholesterol and to lower certain other plasma lipid levels, such as LDL-cholesterol and triglycerides and accordingly to treat diseases which are exacerbated by low levels of HDL cholesterol and/or high levels of LDL-cholesterol and triglycerides, such as atherosclerosis and cardiovascular diseases in some mammals, including humans.

WO 2004/085401 A1



(84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(48) **Date of publication of this corrected version:**

1 December 2005

(15) **Information about Correction:**

see PCT Gazette No. 48/2005 of 1 December 2005, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.